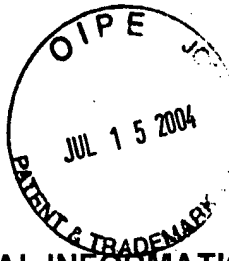


July 14, 2004



Scott R. Pundsack B.A.Sc. (Civil Eng.), LL.B.  
416 957 1698 spundsack@bereskinparr.com

Our Reference: 4320-443

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**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

07/16/2004 HLE333 00000008 09975220

01 FC:1806

180.00 DP

Dear Sir:

**Re: Supplemental Information Disclosure Statement**  
**Patent Application No. 09/975,220**  
**For: VERTICAL SKEIN OF HOLLOW FIBER MEMBRANES AND METHOD OF**  
**MAINTAINING CLEAN FIBER SURFACES WHILE FILTERING A SUBSTRATE**  
**TO WITHDRAW A PERMEATE**  
**Filing Date: October 11, 2001**  
**Applicant: MAHENDRAN et al.**

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In accordance with 37 C.F.R. 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 C.F.R. 1.56, the applicant hereby submits a Supplemental Information Disclosure Statement including (1) a listing, on PTO Form SB/08A, of all patents and other publications of which the applicant is aware that may be considered material to the patentability of its claimed invention, and, (2) a copy of each listed patent or publication.

The Applicants informed the Examiner earlier of a previously filed reissue application of U.S. Patent No. 5,639,373 and are now including parts of its file history. In addition, the Applicants wish to inform the Examiner of Oppositions filed in Australia and Europe against Patent Nos. 715364 and 0846023 respectively. Each of these applications claim priority from U.S. Patent No. 5,639,373, the patent being reissued in the present application. Further, U.S. Patent No. 6,620,319 which claims priority from US Patent No. 5,639,373 has been pleaded in United States District Court, Southern District of California, Case #03-CV-1996B-JFS and the defendants have pleaded that U.S. Patent No. 5,639,373 is invalid. Also, an action for infringement of German Utility Models DE 29624446, and DE 29624447 is pending. The defendants, in addition to pleading that the Utility Models are invalid, have filed Actions for Revocation against German Utility Models DE 29624446, and DE 29624447 under Court # Lo I 100/04 and Lo I 99/04 respectively. Both of these utility models claim priority from US 5,639,373.

*Please send all correspondence to the Toronto office:*

Scotia Plaza, 40 King St. West, 40th Floor,  
Toronto, Ontario, Canada M5H 3Y2  
Tel: 416.364.7311 Fax: 416.361.1398

2000 Argentia Rd., Plaza 4, Ste. 430,  
Mississauga, Ontario, Canada L5N 1W1  
Tel: 905.812.3600 Fax: 905.814.0031

Waterloo Technology Campus, 408 Albert St., Ste. 2,  
Waterloo, Ontario, Canada N2L 3V3  
Tel: 519.783.3210 Fax: 519.783.3211

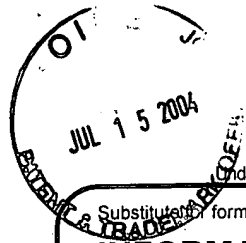
The government fee of \$180.00 is included in our cheque, in respect of the fee requirements provided in 37 CFR 1.17(p). Please charge any deficiency or credit any overpayment to our deposit account No. 02-2095.

Respectfully submitted,

**MAHENDRAN et al.**

Scott Pundsack

Scott R. Pundsack  
Reg'n No. 47,330  
Encl.



<b>Substituted form 1449A/PTO</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/975,220	
			Filing Date	October 11, 2001	
			First Named Inventor	MAHENDRAN	
			Group Art Unit	1723	
Examiner Name	KIM, Sun U.				
Attorney Docket Number	4320-443				
Sheet	1	of	3		

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U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 6,555,005	04-29-2003	Zha et al.	
		US- 6,325,928 B1	12/4/2001	Pedersen et al	
		US- 6,319,411 B1	11/20/2001	Cote	
		US- 6,214,231	4/10/2001	Cote et al	
		US- 6,402,955	06/11/2002	Ookata	
		US- 5,141,031	8/25/1992	Baurmeister	
		US- 5,484,528	1/16/1996	Yagi et al.	
		US- 4,540,490	09/10/1985	Shibata et al.	
		US- 5,910,250	06/08/1999	Mahendran et al.	
		US- 6,193,890	2/27/2001	Pedersen et al	
		US- 6,303,035 B1	10/16/2001	Cote et al	
		US- 5,944,997	8/31/1999	Pedersen et al	
		US- 5,932,099	8/3/1999	Cote et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 97/06880	02-27-1997	Zenon Environmental Inc.		
		JP 07-289860	11-07-1995	Toray Ind Inc.		✓ Machine
		English language abstract of JP 07-289860				
		JP 07-136471	05-30-1995	Toray Ind Inc.		✓ Machine
		English language abstract of JP 07-136471				
		JP 61-291007	12-20-1986	Toyobo Co Ltd		
		English language abstract of JP 61-291007				
		JP 61-293504	12-24-1986	Kurita Water Ind Ltd.		
		English language abstract of JP 61-293504				
		JP 61-167407	07-29-1986	Sumitomo Bakelite Co. Ltd.		
		English language abstract of JP 61-167407				
		JP 61-242607	10-28-1986	Asahi Cchem Ind Co Ltd.		
		English language abstract of JP 61-242607				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known

Application Number 09/975,220  
Filing Date October 11, 2001  
First Named Inventor MAHENDRAN  
Group Art Unit 1723  
Examiner Name KIM, Sun U.  
Attorney Docket Number 4320-443

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## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 5,783,083	7/21/1998	Henshaw et al	
		US- 6,045,698	4/4/2000	Cote et al	
		US- 3,704,223	11/28/1972	Dietzsch et al.	
		US-			
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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		English language abstract of JP 07-275665				
		JP 07-275665	10/24/1995	Mitsubishi Rayon Co.		
		English language abstract of JP 08-010585				
		JP 08-010585	1/16/1996	Ishigaki Mech Ind Co		
		English language abstract of JP 09-141063				
		JP 09-141063	6/3/1997	Mitsubishi Rayon Co.		
		WO 94/11094	05/26/1994	Zenon Environmental Inc.		
		EP 1213048	06/12/2002	Zenon Environmental Inc.		
		DE 10045227 C1	02/07/2002	Schaefer		

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

## Complete if Known

Application Number 09/975,220  
 Filing Date October 11, 2001  
 First Named Inventor MAHENDRAN  
 Group Art Unit 1723  
 Examiner Name KIM, Sun U.  
 Attorney Docket Number 4320-443

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## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	✓	Declaration for Reissue Application executed June 14, 1999 in File history of U.S. Patent No. RE37,549	
		Amendment dated January 8, 1998 in file history of U.S. Patent No. 5,783,083, incorporated by reference in Declaration for Reissue Application executed June 14, 1999 in File history of U.S. Patent No. RE37,549	
	✓	Declaration Under 37 CFR 1.132 of Steven Pedersen executed January 5, 1998 in file history of U.S. Patent No. 5,783,083, incorporated by reference in Declaration for Reissue Application executed June 14, 1999 in File history of U.S. Patent No. RE37,549	
	✓	Declaration Under 37 CFR 1.132 of Kenneth Goodboy executed December 27, 1997 in file history of U.S. Patent No. 5,783,083, incorporated by reference in Declaration for Reissue Application executed June 14, 1999 in File history of U.S. Patent No. RE37,549	
	✓	Office Action mailed November 5, 1999 in File history of U.S. Patent No. RE37,549	
	✓	Supplemental Declaration for Reissue Application executed March 3, 2000 in File history of U.S. Patent No. RE37,549	
	✓	Amendment dated March 4, 2000 in File history of U.S. Patent No. RE37,549	
	✓	Supplemental Amendment dated March 20, 2000 in File history of U.S. Patent No. RE37,549	
	✓	Office Action mailed March 31, 2000 in File history of U.S. Patent No. RE37,549	
	✓	Amendment dated May 9, 2000 in File history of U.S. Patent No. RE37,549	
		Third Supplemental Declaration for Reissue Application executed May 8, 2000 in File history of U.S. Patent No. RE37,549	
	✓	Notice of Allowability dated June 1, 2000 in File history of U.S. Patent No. RE37,549	
		Supplemental Declaration for Reissue Application executed November 7, 2000 in File history of U.S. Patent No. RE37,549	
	✓	Preliminary Amendment dated November 6, 2000 in File history of U.S. Patent No. RE37,549	
	✓	Office Action mailed February 6, 2001 in File history of U.S. Patent No. RE37,549	
		Amendment dated May 4, 2001 in File history of U.S. Patent No. RE37,549	
		Notice of Allowability dated May 29, 2001 in File history of U.S. Patent No. RE37,549	

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<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.